

L Number	Hits	Search Text	DB	Time stamp
1	7	(MMI same (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) and ((TE (transverse adj electric\$3) transverse-electric\$3) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4)) ("5107316").PN.	USPAT	2004/10/07 11:32
	1	(waveguide\$1 near3 ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4)) with coupl\$3	USPAT	2004/09/05 14:25
	511	(waveguide\$1 near3 ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4)) with coupl\$3	USPAT	2004/09/23 16:02
	2	(waveguide\$1 near3 (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interfoerometer) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/09/23 16:05
	2	(waveguide\$1 with (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interfoerometer) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:51
	5	(waveguide\$1 same (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interfoerometer) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:51
	33	(waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interfoerometer) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:50
	82	mesa and (waveguide\$1) and ((transverse adj magnetic) TM) and coupl\$4	USPAT	2004/09/23 16:07
	1	((waveguide\$1 near3 ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4)) with coupl\$3) and ((waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interfoerometer) MMI)) and (TE or (transverse adj electr\$6))) and (mesa and (waveguide\$1) and ((transverse adj magnetic) TM) and coupl\$4)	USPAT	2004/10/04 09:51
	0	(385/12,131,130,43,28,15) and (waveguide\$1 (wave adj guide\$1) wave-guide\$1) and (semiconduct\$4 semi-conduct\$4 (semi adj conduct\$4))	USPAT	2004/09/23 16:32
	1204	(385/12,131,130,43,28,15).ccls. and (waveguide\$1 (wave adj guide\$1) wave-guide\$1) and (semiconduct\$4 semi-conduct\$4 (semi adj conduct\$4))	USPAT	2004/09/23 16:33
	1055	(385/12,131,130,43,28,15).ccls. and (waveguide\$1 (wave adj guide\$1) wave-guide\$1) and (semiconduct\$4 semi-conduct\$4 (semi adj conduct\$4)) and (coupl\$5) and @ad<20021217	USPAT	2004/09/23 16:34
	263	((385/12,131,130,43,28,15).ccls. and (waveguide\$1 (wave adj guide\$1) wave-guide\$1) and (semiconduct\$4 semi-conduct\$4 (semi adj conduct\$4)) and (coupl\$5) and @ad<20021217) and ((waveguide\$1 wave-guide\$1 (wave adj guide\$1)) with ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4) with (coupl\$5 connect\$4))	USPAT	2004/09/23 16:43
	45	((385/12,131,130,43,28,15).ccls. and (waveguide\$1 (wave adj guide\$1) wave-guide\$1) and (semiconduct\$4 semi-conduct\$4 (semi adj conduct\$4)) and (coupl\$5) and @ad<20021217) and ((waveguide\$1 wave-guide\$1 (wave adj guide\$1)) with ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4) with (coupl\$5 connect\$4))) and (mesa)	USPAT	2004/09/23 16:43

	99	("4761048" "4762735" "6684013" "4606605" "4997245" "4277762" "5610760" "5841799" "5043629" "6127902" "5208800" "5517589" "5375178" "5539850" "4329016" "4359260" "4761049" "4775208" "5185831" "5257331" "5418867" "5509094" "5581345" "5652737" "5749132" "5757828" "5834055" "5835472" "5875276" "5946434" "6252895" "6282332" "6370308" "6680799" "5978532" "5778018" "6154479" "6383829" "5586131" "6289699" "6191890" "4268804" "5185828" "4791388" "5416578" "5696856" "4776656" "5302803" "5542009" "5712705").pn. ("6008675" "4789212" "5475771" "5488679" "3597566" "3573681" "3673522" "3646589" "3646481" "3922621" "3899759" "4772084" "4777459" "4780694" "4798434" "4820008"	USPAT	2004/09/24 16:51
Search History	10/7/04 11:48:19 AM	Page 2 C:\APPSEAST\Workspaces\910033877.wsp "4953935" "4820008"		

	42	(waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interferometer)) MMI)) and (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:54
	5	(waveguide\$1 same (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interferometer)) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:51
	2	(waveguide\$1 with (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interferometer)) MMI)) same (TE or (transverse adj electr\$6))	USPAT	2004/10/04 09:51
	1	((waveguide\$1 near3 ((semi adj conduct\$4) semi-conduct\$4 semiconduct\$4)) with coupl\$3) and ((waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interferometer)) MMI)) and (TE or (transverse adj electr\$6))) and (mesa and (waveguide\$1) and ((transverse adj magnetic) TM) and coupl\$4)	USPAT	2004/10/04 09:52
	8	((waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1 multiple-mode\$1) near3 (interferometer)) MMI)) and (TE or (transverse adj electr\$6))) not (waveguide\$1 and (((multi\$3 adj mode\$1) multimode\$1 multiplemode\$1 multi-mode\$1) near3 (interferometer)) MMI)) and (TE or (transverse adj electr\$6))	USPAT	2004/10/04 10:38
	0	@pd=20010913 and @ad=19980918	USPAT	2004/10/04 10:39
	0	@pd=20010913 and @ad=19980918	USPAT;	2004/10/04 10:39
	0	Hamamoto.in. and @ad=19980918	US-PPGPUB	
	3	Hamamoto.in. and @ad=19980818	USPAT;	2004/10/04 10:40
	9	("5574298" "5790580" "5889294" "5910012" "5933562" "5987046" "6037189" "6181722" "6238943").PN.	USPAT	2004/10/04 18:15
	6991	385/11,14,27,28,31,49,88,92,129,130,131,132.ccls.	USPAT	2004/10/07 09:57
	0	(MMI near5 (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) same ((TE (transverse near electric\$3) transverse-electric\$3) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4))	USPAT	2004/10/07 10:02
	0	(MMI with (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) same ((TE (transverse near electric\$3) transverse-electric\$3) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4))	USPAT	2004/10/07 10:02
	4	(MMI with (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) and ((TE (transverse near electric\$3) transverse-electric\$3) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4))	USPAT	2004/10/07 10:11
	7	(MMI same (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) and ((TE (transverse near electric\$3) transverse-electric\$3) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4))	USPAT	2004/10/07 11:00
	7	(MMI same (waveguide\$1 (wave adj guide\$1) wave-guide\$1)) and ((TM (transverse near magnetic) transverse-magnetic) with (reduc\$4 minimiz\$5 eliminat\$4 decreas\$3 filter\$4))	USPAT	2004/10/07 11:00
	140	MMI same (waveguide\$1 wave-guide\$1 (wave adj guide\$1))	USPAT	2004/10/07 11:01
	69	(MMI same (waveguide\$1 wave-guide\$1 (wave adj guide\$1))) and 385/11,14,27,28,31,49,88,92,129,130,131,132.ccls.	USPAT	2004/10/07 11:01
	5089	(TE transverse-electric (transverse adj electric)) and (TM transverse-magnetic (transverse adj magnetic))	USPAT	2004/10/07 11:03
	16	((TE transverse-electric (transverse adj electric)) and (TM transverse-magnetic (transverse adj magnetic))) and ((MMI same (waveguide\$1 wave-guide\$1 (wave adj guide\$1))) and 385/11,14,27,28,31,49,88,92,129,130,131,132.ccls.)	USPAT	2004/10/07 11:12